

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE 12	PAGE OF PAGES 1 2	
2. AMENDMENT/MODIFICATION NO. 58		3. EFFECTIVE DATE March 25, 1999	4. REQUISITION/PURCHASE REQ. NO. See Page 1.a & b	
6. ISSUED BY GP22 Procurement Office George C. Marshall Space Flight Center National Aeronautics and Space Administration Marshall Space Flight Center, AL 35812		7. ADMINISTERED BY (If other than Item 6) MSFC Adm: GP22-S/Sandra Presnell 205-544-0318	5. PROJECT NO. (If applicable)	
CODE 14671		FACILITY CODE	AUTOMATED INVOICE PAYMENT INFORMATION: (205) 544-5566	
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code) Sverdrup Technology, Inc. MSFC Group 620 Discovery Drive Huntsville, AL 35806		(✓)	9A. AMENDMENT OF SOLICITATION NO.	
			9B. DATED (SEE ITEM 11)	
		X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS8-40836	
			10B. DATED (SEE ITEM 13) 02/26/96	
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS				

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended, is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

- (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or
(c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

See Page 1.a & b

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS,
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

(✓)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b) AND CONTRACTOR'S LETTER DATED 3/24/99.
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor is not, is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

	Negotiated Est. Cost	Prov. Est. Cost	Total Est. Cost	Earned Award Fee	Potential Award Fee	Total Contract Value	Total Sum Allotted
Previous	\$61,829,500	\$ 0	\$61,829,500	\$1,416,808	\$2,568,122	\$65,814,430	\$49,417,342
This Mod	0	0	0	0	0	0	4,308,987
New Total	\$61,829,500	\$ 0	\$61,829,500	\$1,416,808	\$2,568,122	\$65,814,430	\$53,726,329

See Page 2 for description.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Sandra L. Presnell	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY (Signature of Contracting Officer)	16C. DATE SIGNED March 25, 1999

The purpose of this modification is to provide incremental funding pursuant to the "Limitation of Funds" clause and the Contractor's letter dated March 24, 1999.

Clause B.6 CONTRACT FUNDING (1852.232-81) (JUN 1990) is hereby deleted in its entirety and the following is substituted in lieu thereof:

"B.6 CONTRACT FUNDING (1852.232-81) (JUNE 1990)

(a) For the purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$51,164,427. This allotment is for Science and Engineering Services for MSFC's S&E Directorate and covers the following estimated period of performance: February 26, 1996, through July 2, 1999.

(b) An additional amount of \$2,561,902 is obligated under this contract for payment of fee.

(c) Recapitulation of funding is as follows:

	<u>Previous</u>	<u>This Action</u>	<u>Total</u>
Estimated Cost	\$46,987,903	\$4,176,524	\$51,164,427
Provisional Estimated Cost	0	0	0
Provisional Award Fee	1,012,631	132,463	1,145,094
Award Fee Earned	<u>1,416,808</u>	<u>0</u>	<u>1,416,808</u>
Total Sum Allotted	\$49,417,342	\$4,308,987	\$53,726,329

(End of clause)"

Standard Form 30 Continued

<u>DCN</u>	<u>Program Code</u>	<u>Appropriation</u>	<u>Amount</u>
1-9-EL-C2902(1F)	398-35-05-M145-EL-9-00M-300-2550	809/00111	\$ 20,000
	398-35-06-M145-EL-9-00M-300-2550		20,000
	398-35-07-M145-EL-9-00M-300-2550		20,000
1-9-ED-C2479(1F)	398-35-01-M145-ED-9-00M-661-2550	809/00111	110,000
1-9-EL-C2576(1F)	478-31-41-M145-ED-9-00M-300-2550	809/00111	30,000
1-9-EO-C2779(1F)	398-30-55-M145-MG-9-00M-013-2550	809/00111	187,100
1-9-EO-C2775(1F)	398-30-17-M145-MG-9-00M-012-2550	809/00111	187,100
1-9-PP-C2751(1F)	632-81-00-M145-PP-9-00S-599-2550	809/00110	75,000
1-9-EP-C2660(1F)	242-34-ZT-M145-EP-9-00S-371-2550	809/00110	260,000
1-9-EP-C3070(1F)	478-83-01-M145-EP-8-00M-381-2550	808/90111	25,000
1-9-ED-C2973(1F)	101-15-08-M145-ED-9-00S-651-2550	809/00110	100,000
1-9-ED-C2910(1F)	258-20-00-M145-ED-9-00S-651-2550	809/00110	90,000
1-9-EB-C2875(1F)	398-30-11-M145-MG-9-00M-A00-2550	809/00111	88,800
1-9-ES-C2587(1F)	101-45-03-M145-ES-9-00S-000-2550	809/00110	17,896
	398-35-06-M145-ES-9-00M-000-2550	809/00111	10,738
	101-58-20-M145-ES-9-00S-000-2550	809/00110	44,742
	101-45-02-M145-ES-9-00S-000-2550	809/00110	44,742
	398-30-03-M145-MG-9-00M-000-2550	809/00111	8,948
	101-28-04-M145-ES-9-00S-000-2550	809/00110	8,948
	101-15-01-M145-ES-9-00S-000-2550	809/00110	34,003
	101-45-01-M145-ES-9-00S-000-2550	809/00110	8,950
	101-15-07-M145-ES-9-00S-000-2550	809/00110	40,715
	398-96-01-M145-ES-9-00M-000-2550	809/00111	108,110
	101-45-06-M145-ES-9-00S-000-2550	809/00110	147,862
	101-15-06-M145-ES-9-00S-000-2550	809/00110	26,043
	101-41-12-M145-ES-9-00S-000-2550	809/00110	36,489
1-9-EH-C2624(1F)	477-72-W3-M145-EH-9-00M-543-2550	809/00111	10,000
1-9-EH-C2622(1F)	477-72-X8-M145-EH-9-00M-543-2550	809/00111	10,000
1-9-ED-C2824(1F)	242-34-ZT-M145-ED-9-00S-621-2550	809/00110	60,000
1-9-EL-C2835(1F)	575-15-20-M145-EL-9-00M-222-2550	809/00111	24,800
	478-82-18-M145-EL-9-00M-222-2550		12,076
1-9-EL-C2609(1F)	478-82-18-M145-EL-9-00M-222-2550	809/00111	27,656
1-9-ED-C2525(1F)	477-72-W6-M145-ED-9-00M-651-2550	809/00111	350,000
1-9-EL-C2737(1F)	398-96-01-M145-EL-9-00M-300-2550	809/00111	60,000

Standard Form 30 Continued

<u>DCN</u>	<u>Program Code</u>	<u>Appropriation</u>	<u>Amount</u>
1-9-EH-C2432(S1)(1F)	250-30-15-M145-EH-9-00M-523-2550	809/00111	22,545
1-9-ED-C2696(1F)	242-36-20-M145-RA-9-00S-631-2550	809/00110	80,000
1-9-EL-C3329(1F)	963-88-05-M145-EL-8-00S-300-2550	808/90110	21,245
	101-58-53-M145-EL-9-00S-300-2550	809/00110	41,609
1-9-EL-C2797(1F)	477-72-V2-M145-EL-9-00M-300-2550	809/00111	50,400
	477-72-V3-M145-EL-9-00M-300-2550		125,144
	477-72-V5-M145-EL-9-00M-300-2550		28,725
	477-72-W2-M145-EL-9-00M-300-2550		358,511
	477-72-W3-M145-EL-9-00M-300-2550		13,331
	477-72-W6-M145-EL-9-00M-300-2550		8,486
	477-72-X2-M145-EL-9-00M-300-2550		312,706
	477-72-X3-M145-EL-9-00M-300-2550		13,331
	477-72-X8-M145-EL-9-00M-300-2550		8,486
1-9-ED-C1522(S1)(1F)	398-30-10-M145-MG-9-00M-335-2550	809/00111	322,875
1-9-ED-C1489(S1)(1F)	398-30-12-M145-MG-9-00M-335-2550	809/00111	134,000
1-9-EL-C2569(S1)(1F)	398-30-15-M145-MG-9-00M-300-2550	809/00111	158,000
	398-30-52-M145-MG-9-00M-300-2550		71,000
1-9-EL-C1535(S1)(1F)	398-30-15-M151-MG-9-00M-300-2550	809/00111	159,505
	398-30-52-M151-MG-9-00M-300-2550		50,370
1-9-EL-C3217(1F)	258-20-00-M145-EL-9-00S-300-2550	809/00110	27,000
1-9-EB-C3255(1F)	839-06-70-M145-EB-9-51S-300-2550	809/00110	80,000
1-9-ED-C2524(S1)(1F)	477-72-V3-M145-ED-9-00M-621-2550	809/00111	<84,000>
		Total	\$4,308,987

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE 12	PAGE OF PAGES 1 2
2. AMENDMENT/MODIFICATION NO. 59		3. EFFECTIVE DATE April 9, 1999	4. REQUISITION/PURCHASE REQ. NO. 408360059(1F)
6. ISSUED BY GP22 Procurement Office George C. Marshall Space Flight Center National Aeronautics and Space Administration Marshall Space Flight Center, AL 35812		7. ADMINISTERED BY (If other than Item 6) MSFC Adm: GP22-S/Sandra Presnell 205-544-0318	5. PROJECT NO. (If applicable) AUTOMATED INVOICE PAYMENT INFORMATION: (205) 544-5566
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code) Sverdrup Technology, Inc. MSFC Group 620 Discovery Drive Huntsville, AL 35806		(✓)	9A. AMENDMENT OF SOLICITATION NO.
			9B. DATED (SEE ITEM 11)
		X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS8-40836
			10B. DATED (SEE ITEM 13) 02/26/96
CODE 14671	FACILITY CODE		
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS			

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended, is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

- (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. In virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

N/A

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

(✓)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT OR ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b) AND CONTRACTOR'S LETTER DATED 4/9/99.
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor is not, is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

	Negotiated Est. Cost	Prov. Est. Cost	Total Est. Cost	Earned Award Fee	Potential Award Fee	Total Contract Value	Total Sum Allotted
Previous	\$61,829,500	\$ 0	\$61,829,500	\$1,416,808	\$2,568,122	\$65,814,430	\$53,726,329
This Mod	0	0	0	1,206,701	(1,773,342)	(566,641)	0
New Total	\$61,829,500	\$ 0	\$61,829,500	\$2,623,509	\$ 794,780	\$65,247,789	\$53,726,329

See Page 2 for description.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) David G. Morgan	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)		BY (Signature of Contracting Officer)	April 9, 1999

Page 2

This modification is issued pursuant to Clause B.2 ESTIMATED COST AND AWARD FEE, the Contractor's acceptance letter dated April 8, 1999, the Fee Determination Official's Award Fee Findings and Determination, dated April 8, 1999, the "Limitation of Funds" clause, and the Contractor's funding letter dated April 9, 1999.

The purpose of this modification is to provide award fee for the period February 26, 1998, through February 25, 1999.

1. Clause B.2 ESTIMATED COST AND AWARD FEE (1852.216-85) (SEP 1993), paragraph (b) is hereby deleted in its entirety and the following is substituted in lieu thereof:

“B.2 ESTIMATED COST AND AWARD FEE (1852.216-85) (SEP 1993)

- (b) Breakout of contract cost and fees is as follows:

<u>Value</u>	<u>Period Covered</u>	<u>Estimated Cost</u>	<u>Base Fee</u>	<u>Maximum Award Fee</u>	<u>Total Contract</u>
	02/26/96 - 02/25/97	\$10,747,495	\$-0-	\$736,747	\$11,484,242
	02/26/97 - 02/25/98	\$12,353,873	\$-0-	\$792,640	\$13,146,513
	02/26/98 - 02/25/99	\$27,141,166	\$-0-	\$1,773,342	\$28,914,508
	02/26/99 - 02/25/00	\$11,586,966	\$-0-	\$794,780	\$12,381,746

Breakout of earned award fee is as follows:

<u>Period Covered</u>	<u>Earned Award Fee</u>
2/26/96 - 8/31/96	\$295,362
9/01/96 - 2/25/97	\$350,207
2/26/97 - 2/25/98	\$771,239
2/26/98 - 2/25/99	\$1,206,701

2. Clause B.6 CONTRACT FUNDING (1852.232-81) (JUN 1990) is hereby deleted in its entirety and the following is substituted in lieu thereof:

“B.6 CONTRACT FUNDING (1852.232-81) (JUNE 1990)

(a) For the purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$50,867,354. This allotment is for Science and Engineering Services for MSFC's S&E Directorate and covers the following estimated period of performance: February 26, 1996, through June 29, 1999.

- (b) An additional amount of \$2,858,975 is obligated under this contract for payment of fee.

- (c) Recapitulation of funding is as follows:

	<u>Previous</u>	<u>This Action</u>	<u>Total</u>
Estimated Cost	\$51,164,427	\$(297,073)	\$50,867,354
Provisional Estimated Cost	0	0	0
Provisional Award Fee	1,145,094	(909,628)	235,466
Award Fee Earned	<u>1,416,808</u>	<u>1,206,701</u>	<u>2,623,509</u>
Total Sum Allotted	\$53,726,329	\$ -0-	\$53,726,329

(End of clause)”

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE 12	PAGE OF PAGES 1 2
2. AMENDMENT/MODIFICATION NO. 60		3. EFFECTIVE DATE April 20, 1999	4. REQUISITION/PURCHASE REQ. NO. See Page 1.a
6. ISSUED BY GP22 Procurement Office George C. Marshall Space Flight Center National Aeronautics and Space Administration Marshall Space Flight Center, AL 35812		7. ADMINISTERED BY (If other than Item 6) MSFC Adm: GP22-S/Sandra Presnell 205-544-0318	5. PROJECT NO. (If applicable) CODE
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code) Sverdrup Technology, Inc. MSFC Group 620 Discovery Drive Huntsville, AL 35806		(✓)	9A. AMENDMENT OF SOLICITATION NO.
CODE 14671 FACILITY CODE		X	9B. DATED (SEE ITEM 11)
			10A. MODIFICATION OF CONTRACT/ORDER NO. NAS8-40836
			10B. DATED (SEE ITEM 13) 02/26/96
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS			

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended, is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

- (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. In virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

See Page 1.a

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

(✓)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT OR ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b) AND CONTRACTOR'S LETTER DATED 4/20/99.
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor is not, is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

	Negotiated Est. Cost	Prov. Est. Cost	Total Est. Cost	Earned Award Fee	Potential Award Fee	Total Contract Value	Total Sum Allotted
Previous	\$61,829,500	\$ 0	\$61,829,500	\$2,623,509	\$794,780	\$65,247,789	\$53,726,329
This Mod	0	0	0	0	0	0	2,158,958
New Total	\$61,829,500	\$ 0	\$61,829,500	\$2,623,509	\$794,780	\$65,247,789	\$55,885,287

See Page 2 for description.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Sandra L. Presnell	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)		BY (Signature of Contracting Officer)	April 20, 1999

The purpose of this modification is to provide incremental funding pursuant to the "Limitation of Funds" clause and the Contractor's letter dated April 20, 1999.

Clause B.6 CONTRACT FUNDING (1852.232-81) (JUN 1990) is hereby deleted in its entirety and the following is substituted in lieu thereof:

"B.6 CONTRACT FUNDING (1852.232-81) (JUNE 1990)

(a) For the purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$52,920,341. This allotment is for Science and Engineering Services for MSFC's S&E Directorate and covers the following estimated period of performance: February 26, 1996, through August 26, 1999.

(b) An additional amount of \$2,964,946 is obligated under this contract for payment of fee.

(c) Recapitulation of funding is as follows:

	<u>Previous</u>	<u>This Action</u>	<u>Total</u>
Estimated Cost	\$50,867,354	\$2,052,987	\$52,920,341
Provisional Award Fee	235,466	105,971	341,437
Award Fee Earned	<u>2,623,509</u>	<u>0</u>	<u>2,623,509</u>
Total Sum Allotted	\$53,726,329	\$2,158,958	\$55,885,287

(End of clause)"

Standard Form 30 Continued

<u>DCN</u>	<u>Program Code</u>	<u>Appropriation</u>	<u>Amount</u>
1-9-RA-35104(S1)(1F)	242-35-30-M900-RA-9-00S-000-2550	809/00110	\$ 47,500
1-9-EL-C3562(1F)	478-83-01-M145-EL-9-00M-335-2550	809/00111	260,000
1-9-EL-C3513(1F)	478-31-36-M145-EL-9-00M-300-2550	809/00111	389,700
1-9-EB-C3528(1F)	477-72-V3-M145-EB-9-00M-300-2550	809/00111	15,000
1-9-ED-C3476(1F)	839-06-70-M145-ED-9-51S-661-2550	809/00110	60,625
1-9-EB-C3592(1F)	398-30-15-M145-MG-9-00M-300-2550	809/00111	20,000
1-9-ED-C3356(1F)	260-40-13-M145-ED-9-00M-621-2550	809/00111	90,000
1-9-ES-C3475(1F)	344-03-01-M145-ES-9-00S-010-2550	809/00110	120,000
1-9-RA-C2627(1F)	242-35-30-M145-RA-9-00S-543-2550	809/00110	20,000
1-9-EH-C2625(1F)	477-72-88-M145-EH-9-00M-543-2550	809/00111	50,000
1-9-ED-C3350(1F)	101-15-08-M145-ED-9-00S-000-2550	809/00110	126,000
1-9-EL-C3432(1F)	250-41-22-M145-EL-9-00M-300-2550	809/00111	10,000
1-9-ED-C3431(1F)	953-36-00-M145-ED-9-00M-000-2550	809/00111	47,502
1-9-ED-C1488(S1)(1F)	398-30-50-M145-MG-9-00M-335-2550	809/00111	41,715
1-8-EP-C0829(S2)(1F)	398-30-13-M145-MG-9-00M-381-2550	809/00111	110,000
1-9-ED-C2527(1F)	477-72-V3-M145-ED-9-00M-661-2550	809/00111	30,000
1-9-ED-C2526(1F)	477-72-V3-M145-ED-9-00M-651-2550	809/00111	60,000
1-9-EO-C2988(1F)	398-96-01-M145-EO-9-00M-000-2550	809/00111	37,500
1-9-EL-C1748(S2)(1F)	477-72-61-M145-EL-9-00M-300-2550	809/00111	68,000
1-9-EP-C3316(1F)	242-33-KJ-M145-EP-9-00S-335-2550	809/00110	40,000
1-9-EL-C3376(1F)	398-96-01-M145-EL-9-00M-300-2550	809/00111	5,000
1-9-EL-C3335(1F)	250-41-22-M145-EL-9-00M-300-2550	809/00111	30,000
1-9-ED-C3201(1F)	398-30-50-M145-MG-9-00M-000-2550	809/00111	213,138
1-9-ED-C3326(1F)	478-83-01-M145-ED-9-00M-661-2550	809/00111	118,000
1-9-EH-C3094(1F)	992-00-00-G245-AE-9-00M-000-2540	809/00111	49,278
1-8-EP-C0834(S3)(1F)	398-30-54-M145-MG-9-00M-381-2550	809/00111	<u>100,000</u>
Total			\$2,158,958

BX

OMB Approval #: 2700-0042

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE 12	PAGE OF PAGES 1 2	
2. AMENDMENT/MODIFICATION NO. 61		3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO. 408360061(1F)		5. PROJECT NO. (If applicable)
6. ISSUED BY GP22 Procurement Office George C. Marshall Space Flight Center National Aeronautics and Space Administration Marshall Space Flight Center, AL 35812		CODE GP22-S	7. ADMINISTERED BY (If other than Item 6) MSFC Adm: GP22-S/Sandra Presnell 205-544-0318		CODE
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code) Sverdrup Technology, Inc. MSFC Group 620 Discovery Drive Huntsville, AL 35806			9A. AMENDMENT OF SOLICITATION NO. 9B. DATED (SEE ITEM 11) 10A. MODIFICATION OF CONTRACT/ORDER NO. NAS8-40836 10B. DATED (SEE ITEM 13) 02/26/96		
CODE 14671		FACILITY CODE		11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended, is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. In virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified. 12. ACCOUNTING AND APPROPRIATION DATA (If required) No Change	

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.	
(✓)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT OR IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) MSFC CLAUSE 52.222-93, PREMIUM FOR SCHEDULED OVERTIME

E. IMPORTANT: Contractor is not, is required to sign this document and return 3 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

	Negotiated Est. Cost	Prov. Est. Cost	Total Est. Cost	Earned Award Fee	Potential Award Fee	Total Contract Value	Total Sum Allotted
Previous	\$61,829,500	\$ 0	\$61,829,500	\$2,623,509	\$794,780	\$65,247,789	\$55,885,287
This Mod	0	0	0	0	0	0	0
New Total	\$61,829,500	\$ 0	\$61,829,500	\$2,623,509	\$794,780	\$65,247,789	\$55,885,287

See Page 2 for description.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Sandra L. Presnell	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)		BY (Signature of Contracting Officer)	

NSN 7540-01-152-8070
PREVIOUS EDITION UNUSABLE

30-105

STANDARD FORM 30 (Rev. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

The purpose of this modification is to amend clause B.5 PREMIUM FOR SCHEDULED OVERTIME (MSFC 52.222-93) (AUG 1988), with no increase in the level-of-effort (total man-hours) and no increase to the estimated cost of the contract.

Clause B.5 PREMIUM FOR SCHEDULED OVERTIME (MSFC 52.222-93) (AUG 1988) is deleted in its entirety and the following is substituted in lieu thereof:

"B.5 PREMIUM FOR SCHEDULED OVERTIME (MSFC 52.222-93) (AUG 1988)

Pursuant to the clause entitled "Payment for Overtime Premiums," the amount of overtime premium authorized shall not exceed the amount specified below for the indicated period.

<u>Period</u>	<u>Amount</u>
2/26/96 – 2/25/97	\$500
2/26/97 – 2/25/98	\$9,000
2/26/98 – 2/25/99	\$9,000
2/26/99 – 2/25/00	\$28,000
2/26/00 – 2/25/01	\$28,000

(End of clause)"

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE 12	PAGE OF PAGES 1 2
2. AMENDMENT/MODIFICATION NO. 62		3. EFFECTIVE DATE May 21, 1999	4. REQUISITION/PURCHASE REQ. NO. See Page 1.a
6. ISSUED BY GP22 Procurement Office George C. Marshall Space Flight Center National Aeronautics and Space Administration Marshall Space Flight Center, AL 35812		7. ADMINISTERED BY (If other than Item 6) MSFC Adm: GP22-S/Sandra Presnell 205-544-0318	5. PROJECT NO. (If applicable) CODE
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code) Sverdrup Technology, Inc. MSFC Group 620 Discovery Drive Huntsville, AL 35806		(✓)	9A. AMENDMENT OF SOLICITATION NO.
CODE 14671 FACILITY CODE		X	9B. DATED (SEE ITEM 11)
			10A. MODIFICATION OF CONTRACT/ORDER NO. NAS8-40836
			10B. DATED (SEE ITEM 13) 02/26/96
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS			

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended, is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

- (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. In virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

See Page 1.a

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

(✓)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT OR ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b) AND CONTRACTOR'S LETTER DATED 5/21/99.
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	E. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor is not, is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

	Negotiated Est. Cost	Prov. Est. Cost	Total Est. Cost	Earned Award Fee	Potential Award Fee	Total Contract Value	Total Sum Allotted
Previous	\$61,829,500	\$ 0	\$61,829,500	\$2,623,509	\$794,780	\$65,247,789	\$55,885,287
This Mod	0	0	0	0	0	0	783,868
New Total	\$61,829,500	\$ 0	\$61,829,500	\$2,623,509	\$794,780	\$65,247,789	\$56,669,155

See Page 2 for description.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Sandra L. Presnell	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)		BY (Signature of Contracting Officer)	May 21, 1999

The purpose of this modification is to provide incremental funding pursuant to the "Limitation of Funds" clause and the Contractor's letter dated May 21, 1999.

Clause B.6 CONTRACT FUNDING (1852.232-81) (JUN 1990) is hereby deleted in its entirety and the following is substituted in lieu thereof:

"B.6 CONTRACT FUNDING (1852.232-81) (JUNE 1990)

(a) For the purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$53,545,253. This allotment is for Science and Engineering Services for MSFC's S&E Directorate and covers the following estimated period of performance: February 26, 1996, through November 29, 1999.

(b) An additional amount of \$3,123,902 is obligated under this contract for payment of fee.

(c) Recapitulation of funding is as follows:

	<u>Previous</u>	<u>This Action</u>	<u>Total</u>
Estimated Cost	\$52,920,341	\$624,912	\$53,545,253
Provisional Award Fee	341,437	158,956	500,393
Award Fee Earned	<u>2,623,509</u>	<u>0</u>	<u>2,623,509</u>
Total Sum Allotted	\$55,885,287	\$783,868	\$56,669,155

(End of clause)"

Standard Form 30 Continued

<u>DCN</u>	<u>Program Code</u>	<u>Appropriation</u>	<u>Amount</u>
1-9-ED-C3474(1F)	355-30-10-M145-RA-9-00M-000-2550	809/00111	\$ 64,000
1-9-ED-C3472(1F)	355-30-10-M145-RA-9-00M-000-2550	809/00111	33,500
1-9-ED-C3557(1F)	242-82-71-M145-ED-9-00S-000-2550	809/00110	63,000
1-9-EP-C3904(1F)	992-00-00-S651-RA-9-00M-335-2550	809/00111	85,000
1-9-EP-C3746(1F)	242-71-73-M145-EP-8-00S-335-2550	808/90110	50,000
1-9-EB-C3677(1F)	258-20-00-M145-EB-9-00S-300-2550	809/00110	22,500
1-9-EL-C3685(1F)	355-30-10-M145-RA-9-00M-335-2550	809/00111	17,937
1-9-EL-C3696(1F)	575-15-30-M145-EL-9-00M-335-2550	809/00111	115,600
1-9-EB-C3664(1F)	355-30-10-M145-RA-9-00M-300-2550	809/00111	12,000
1-9-ES-C2587(S1)(1F)	101-45-06-M145-ES-9-00S-000-2550	809/00110	<47,669>
1-9-EB-C3663(1F)	101-45-03-M145-EB-9-00S-300-2550	809/00110	6,000
1-9-EP-C3647(1F)	355-30-10-M145-RA-9-00M-335-2550	809/00111	50,000
1-9-EB-C3588(1F)	355-30-10-M145-RA-9-00M-300-2550	809/00111	50,000
1-9-EB-C3610(1F)	632-20-27-M145-EB-9-00S-300-2550 839-40-00-M145-EB-8-00S-300-2550	809/00110 808/90110	20,293 19,707
1-9-EO-C2989(1F)	398-35-03-M145-EO-9-00M-000-2550	809/00111	50,000
1-9-ED-C3553(1F)	242-82-71-M145-ED-9-00S-000-2550	809/00110	87,000
1-9-ED-C3571(1F)	242-82-01-M145-ED-9-00S-631-2550	809/00110	<u>85,000</u>
		Total	\$783,868

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE 12	PAGE OF PAGES 1 2
2. AMENDMENT/MODIFICATION NO. 63		3. EFFECTIVE DATE June 10, 1999	4. REQUISITION/PURCHASE REQ. NO. See Page 1.a
6. ISSUED BY GP22 Procurement Office George C. Marshall Space Flight Center National Aeronautics and Space Administration Marshall Space Flight Center, AL 35812		7. ADMINISTERED BY (If other than Item 6) MSFC Adm: GP22-S/Sandra Presnell 205-544-0318	5. PROJECT NO. (If applicable) CODE
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code) Sverdrup Technology, Inc. MSFC Group 620 Discovery Drive Huntsville, AL 35806		9A. AMENDMENT OF SOLICITATION NO. 9B. DATED (SEE ITEM 11) 10A. MODIFICATION OF CONTRACT/ORDER NO. NAS8-40836 10B. DATED (SEE ITEM 13) 02/26/96	
CODE 14671	FACILITY CODE	11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS	

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended, is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

- (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. In virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

See Page 1.a

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

(✓)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT OR ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b) AND CONTRACTOR'S LETTER DATED 6/08/99.
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	F. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor is not, is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

	Negotiated Est. Cost	Prov. Est. Cost	Total Est. Cost	Earned Award Fee	Potential Award Fee	Total Contract Value	Total Sum Allotted
Previous	\$61,829,500	\$ 0	\$61,829,500	\$2,623,509	\$794,780	\$65,247,789	\$56,669,155
This Mod	0	0	0	0	0	0	2,328,462
New Total	\$61,829,500	\$ 0	\$61,829,500	\$2,623,509	\$794,780	\$65,247,789	\$58,997,617

See Page 2 for description.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Sandra L. Presnell	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)		BY (Signature of Contracting Officer)	June 10, 1999

The purpose of this modification is to provide incremental funding pursuant to the "Limitation of Funds" clause and the Contractor's letter dated June 8, 1999.

Clause B.6 CONTRACT FUNDING (1852.232-81) (JUN 1990) is hereby deleted in its entirety and the following is substituted in lieu thereof:

"B.6 CONTRACT FUNDING (1852.232-81) (JUNE 1990)

(a) For the purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$55,873,715. This allotment is for Science and Engineering Services for MSFC's S&E Directorate and covers the following estimated period of performance: February 26, 1996, through September 22, 1999.

(b) An additional amount of \$3,123,902 is obligated under this contract for payment of fee.

(c) Recapitulation of funding is as follows:

	<u>Previous</u>	<u>This Action</u>	<u>Total</u>
Estimated Cost	\$53,545,253	\$2,328,462	\$55,873,715
Provisional Award Fee	500,393	0	
500,393			
Award Fee Earned	<u>2,623,509</u>	<u>0</u>	
<u>2,623,509</u>			
Total Sum Allotted	\$56,669,155	\$2,328,462	\$58,997,617

(End of clause)"

Standard Form 30 Continued

<u>DCN</u>	<u>Program Code</u>	<u>Appropriation</u>	<u>Amount</u>
1-9-EP-C1579(S2)(1F)	242-34-ZN-M145-EP-9-00S-371-2550	809/00110	\$ <9,967>
1-9-S4-C4165(1F)	398-30-03-M145-MG-9-00M-770-2550	809/00111	65,000
1-9-MG-C4137(1F)	398-96-01-M145-MG-9-00M-000-2550	809/00111	3,500
1-9-EL-C3744(1F)	839-06-70-M145-EL-9-51S-335-2550	809/00110	15,000
	632-81-00-M145-EL-9-00S-335-2550		15,000
1-9-ES-C3732(1F)	101-45-02-M145-ES-9-00S-000-2550	809/00110	17,428
	101-28-02-M145-ES-9-00S-000-2550		22,130
	101-15-01-M145-ES-9-00S-000-2550		3,880
	101-41-12-M145-ES-9-00S-000-2550		13,609
	398-96-01-M145-ES-9-00M-000-2550	809/00111	10,890
	953-36-00-M145-ES-9-00M-004-2550		43,704
1-9-EL-C2576(S1)(1F)	478-31-41-M145-ED-9-00M-300-2550	809/00111	<30,000>
1-9-EA-C4051(1F)	477-73-16-M145-EM-9-72M-499-2550	809/00111	67,308
1-9-ED-C2695(S1)(1F)	242-33-EQ-M145-ED-9-00S-RBS-2550	809/00110	90,980
1-9-EA-C1879(S3)(1F)	953-36-00-S651-EA-9-00M-000-2550	809/00111	<u>2,000,000</u>
		Total	\$2,328,462

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE 12	PAGE OF PAGES 1 2
2. AMENDMENT/MODIFICATION NO. 64		3. EFFECTIVE DATE June 25, 1999	4. REQUISITION/PURCHASE REQ. NO. See Page 1.a
6. ISSUED BY PS22 Procurement Office George C. Marshall Space Flight Center National Aeronautics and Space Administration Marshall Space Flight Center, AL 35812		7. ADMINISTERED BY (If other than Item 6) MSFC Adm: PS22-N/Sandra Presnell 256-544-0318	5. PROJECT NO. (If applicable) CODE
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code) Sverdrup Technology, Inc. MSFC Group 620 Discovery Drive Huntsville, AL 35806		(✓)	9A. AMENDMENT OF SOLICITATION NO.
CODE 14671 FACILITY CODE		X	9B. DATED (SEE ITEM 11)
			10A. MODIFICATION OF CONTRACT/ORDER NO. NAS8-40836
			10B. DATED (SEE ITEM 13) 02/26/96
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS			

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended, is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

- (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. In virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

See Page 1.a

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

(✓)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT OR ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b) AND CONTRACTOR'S LETTER DATED 6/25/99.
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	G. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor is not, is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

	Negotiated Est. Cost	Prov. Est. Cost	Total Est. Cost	Earned Award Fee	Potential Award Fee	Total Contract Value	Total Sum Allotted
Previous	\$61,829,500	\$ 0	\$61,829,500	\$2,623,509	\$794,780	\$65,247,789	\$58,997,617
This Mod	0	0	0	0	0	0	93,500
New Total	\$61,829,500	\$ 0	\$61,829,500	\$2,623,509	\$794,780	\$65,247,789	\$59,091,117

See Page 2 for description.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Sandra L. Presnell	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)		BY (Signature of Contracting Officer)	June 25, 1999

The purpose of this modification is to provide incremental funding pursuant to the "Limitation of Funds" clause and the Contractor's letter dated June 25, 1999.

Clause B.6 CONTRACT FUNDING (1852.232-81) (JUN 1990) is hereby deleted in its entirety and the following is substituted in lieu thereof:

"B.6 CONTRACT FUNDING (1852.232-81) (JUNE 1990)

(a) For the purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$55,967,215. This allotment is for Science and Engineering Services for MSFC's S&E Directorate and covers the following estimated period of performance: February 26, 1996, through September 23, 1999.

(b) An additional amount of \$3,123,902 is obligated under this contract for payment of fee.

(c) Recapitulation of funding is as follows:

	<u>Previous</u>	<u>This Action</u>	<u>Total</u>
Estimated Cost	\$55,873,715	\$93,500	\$55,967,215
Provisional Award Fee	500,393	0	500,393
Award Fee Earned	<u>2,623,509</u>	<u>0</u>	
<u>2,623,509</u>			
Total Sum Allotted	\$58,997,617	\$93,500	\$59,091,117

(End of clause)"

Standard Form 30 Continued

<u>DCN</u>	<u>Program Code</u>	<u>Appropriation</u>	<u>Amount</u>
1-9-EP-C4247(1F)	953-36-00-M145-EP-9-00M-000-2550	809/00111	\$12,000
1-9-ED-C4003(1F)	250-60-31-M145-ED-9-00M-300-2550	809/00111	39,000
1-9-ED-C4166(1F)	242-33-01-M145-ED-9-00S-300-2550	809/00110	<u>42,500</u>
		Total	\$93,500

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				1. CONTRACT ID CODE 12		PAGE OF PAGES 1 2		
2. AMENDMENT/MODIFICATION NO. 65			3. EFFECTIVE DATE		4. REQUISITION/PURCHASE REQ. NO. See Page 1.a		5. PROJECT NO. (If applicable)	
6. ISSUED BY PS22 Procurement Office George C. Marshall Space Flight Center National Aeronautics and Space Administration Marshall Space Flight Center, AL 35812			CODE PS22-N		7. ADMINISTERED BY (If other than Item 6) MSFC Adm: PS22-N/Sandra Presnell 256-544-0318		CODE	
AUTOMATED INVOICE PAYMENT INFORMATION: (256) 544-5566								
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code) Sverdrup Technology, Inc. MSFC Group 620 Discovery Drive Huntsville, AL 35806				(✓)		9A. AMENDMENT OF SOLICITATION NO.		
				X		9B. DATED (SEE ITEM 11)		
						10A. MODIFICATION OF CONTRACT/ORDER NO. NAS8-40836		
						10B. DATED (SEE ITEM 13) 02/26/96		
CODE 14671		FACILITY CODE						
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS								

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended, is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

- (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. In virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

See Page 1.a

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

(✓)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT OR ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b) AND CONTRACTOR'S LETTER DATED 7/8/99.
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	H. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor is not, is required to sign this document and return 3 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

	Negotiated	Prov.	Total	Earned	Potential	Total	Total Sum
	Est. Cost	Est. Cost	Est. Cost	Award Fee	Award Fee	Contract Value	Allotted
Previous	\$61,829,500	\$ 0	\$61,829,500	\$2,623,509	\$794,780	\$65,247,789	\$59,091,117
This Mod	0	0	0	0	0	0	211,412
New Total	\$61,829,500	\$ 0	\$61,829,500	\$2,623,509	\$794,780	\$65,247,789	\$59,302,529

See Page 2 for description.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Sandra L. Presnell	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)		BY (Signature of Contracting Officer)	

The purpose of this modification is to amend Attachment J-11, Department of Defense Contract Security Classification Specification, and to provide incremental funding pursuant to the "Limitation of Funds" clause and the Contractor's letter dated July 8, 1999.

1. Attachment J-11, Department of Defense Contract Security Classification Specification, Revision No. 1, is hereby deleted in its entirety and the attached is substituted in lieu thereof.
2. Clause B.6 CONTRACT FUNDING (1852.232-81) (JUN 1990) is hereby deleted in its entirety and the following is substituted in lieu thereof:

"B.6 CONTRACT FUNDING (1852.232-81) (JUNE 1990)

(a) For the purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$56,178,627. This allotment is for Science and Engineering Services for MSFC's S&E Directorate and covers the following estimated period of performance: February 26, 1996, through September 27, 1999.

(b) An additional amount of \$3,123,902 is obligated under this contract for payment of fee.

(c) Recapitulation of funding is as follows:

	<u>Previous</u>	<u>This Action</u>	<u>Total</u>
Estimated Cost	\$55,967,215	\$211,412	\$56,178,627
Provisional Award Fee	500,393	0	500,393
Award Fee Earned	<u>2,623,509</u>	<u>0</u>	
<u>2,623,509</u>			
Total Sum Allotted	\$59,091,117	\$211,412	\$59,302,529

(End of clause)"

Standard Form 30 Continued

<u>DCN</u>	<u>Program Code</u>	<u>Appropriation</u>	<u>Amount</u>
1-9-ED-C4387(1F)	477-72-88-M145-ED-9-00M-300-2550	809/00111	\$ 30,000
1-9-ED-C4389(1F)	355-30-10-M145-RA-9-00M-000-0000	809/00111	45,000
1-8-ED-00203(S7)(1F)	260-40-13-M145-ED-8-00M-611-2550	808/90111	<9,359>
1-9-EB-C4428(1F)	398-30-11-M145-MG-9-00M-B00-2550	809/00111	30,000
1-9-ED-C4320(1F)	250-60-21-M145-EB-9-00M-300-2550	809/00111	35,000
1-9-ES-C4285(1F)	274-62-00-M145-ES-8-00S-W07-2550	808/90110	8,000
	274-62-00-M145-ES-8-00S-Y17-2550		3,201
	188-36-01-M112-ES-8-9TS-000-2550		1,000
	370-17-43-M145-ES-8-51S-000-2550		1,000
1-9-EL-C4417(1F)	355-20-02-M145-EL-9-00M-300-2550	809/00111	1,070
1-9-TD-C4365(1F)	242-71-32-M145-RA-8-00S-300-2550	808/90110	100,000
1-9-ED-C3472(S1)(1F)	355-30-10-M145-RA-9-00M-000-2550	809/00111	<33,500>
		Total	\$211,412

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE 12	PAGE OF PAGES 1 2	
2. AMENDMENT/MODIFICATION NO. 66		3. EFFECTIVE DATE August 27, 1999	4. REQUISITION/PURCHASE REQ. NO. See Page 1.a	
6. ISSUED BY PS22 Procurement Office George C. Marshall Space Flight Center National Aeronautics and Space Administration Marshall Space Flight Center, AL 35812		CODE PS22-N	7. ADMINISTERED BY (If other than Item 6) MSFC Adm: PS22-N/Sandra Presnell 256-544-0318 AUTOMATED INVOICE PAYMENT INFORMATION: (256) 544-5566	
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code) Sverdrup Technology, Inc. MSFC Group 620 Discovery Drive Huntsville, AL 35806		(✓)	9A. AMENDMENT OF SOLICITATION NO.	
			9B. DATED (SEE ITEM 11)	
		X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS8-40836	
CODE 14671 FACILITY CODE			10B. DATED (SEE ITEM 13) 02/26/96	
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS				

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended, is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

- (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. In virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

See Page 1.a

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

(✓)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT OR ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
X	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: FAR CLAUSES 52.217-9, "OPTION TO EXTEND THE TERM OF THE CONTRACT," AND 52.232-22, "LIMITATION OF FUNDS," AND CONTRACTOR'S LETTER DATED 8/25, 1999.
	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor is not, is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

	Negotiated Est. Cost	Prov. Est. Cost	Total Est. Cost	Earned Award Fee	Potential Award Fee	Total Contract Value	Total Sum Allotted
Previous	\$61,829,500	\$ 0	\$61,829,500	\$2,623,509	\$794,780	\$65,247,789	\$59,302,529
This Mod	2,816,449	0	2,816,449	0	83,259	2,899,708	818,537.16
New Total	\$64,645,949	\$ 0	\$64,645,949	\$2,623,509	\$878,039	\$68,147,497	\$60,121,066

See Page 2 for description.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Sandra L. Presnell	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)		BY (Signature of Contracting Officer)	
NSN 7540-01-152-8070 PREVIOUS EDITION UNUSABLE		August 27, 1999	

The purpose of this modification is to exercise Contingency Option C4. The Contractor shall perform the work called for under Clause C.2 Work Statement, during the period of performance of this option. The total estimated cost for performance of all work during this period is \$64,645,949 and potential award fee is \$878,039. In addition, this modification provides incremental funding pursuant to the "Limitation of Funds" clause and the Contractor's letter dated August 25, 1999. The foregoing action is further implemented by the inclusion of the following changes:

1. Clause B.2 ESTIMATED COST AND AWARD FEE (1852.216-85) (SEP 1993), paragraphs (a) and (b) are hereby deleted in their entirety and the following is substituted in lieu thereof:

"B.2 ESTIMATED COST AND AWARD FEE (1852.216-85) (SEP 1993)

(a) The estimated cost of this contract is \$64,645,949. The maximum available award fee, excluding base fee, if any, is \$4,180,768. The base fee is \$-0-. Total estimated cost, base fee, and maximum award fee are \$68,826,717.

(b) Breakout of contract cost and fees is as follows:

<u>Value</u>	<u>Estimated Cost</u>	<u>Base Fee</u>	<u>Maximum Award Fee</u>	<u>Total Contract</u>
02/26/96 - 02/25/97	\$10,747,495	\$-0-	\$736,747	\$11,484,242
02/26/97 - 02/25/98	\$12,353,873	\$-0-	\$792,640	\$13,146,513
02/26/98 - 02/25/99	\$27,141,166	\$-0-	\$1,773,342	\$28,914,508
02/26/99 - 02/25/00	\$14,403,415	\$-0-	\$878,039	
\$15,281,454				

Breakout of earned award fee is as follows:

<u>Period Covered</u>	<u>Earned Award Fee</u>
2/26/96 - 8/31/96	\$295,362
9/01/96 - 2/25/97	\$350,207
2/26/97 - 2/25/98	\$771,239
2/25/98 - 2/25/99	\$1,206,701"

2. Clause B.6 CONTRACT FUNDING (1852.232-81) (JUN 1990) is hereby deleted in its entirety and the following is substituted in lieu thereof:

"B.6 CONTRACT FUNDING (1852.232-81) (JUNE 1990)

(a) For the purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$56,997,164. This allotment is for Science and Engineering Services for MSFC's S&E Directorate and covers the following estimated period of performance: February 26, 1996, through October 11, 1999.

(b) An additional amount of \$3,123,902 is obligated under this contract for payment of fee.

(c) Recapitulation of funding is as follows:

	<u>Previous</u>	<u>This Action</u>	<u>Total</u>
Estimated Cost	\$56,178,627	\$818,537	\$56,997,164
Provisional Award Fee	500,393	0	500,393
Award Fee Earned	<u>2,623,509</u>	<u>0</u>	
<u>2,623,509</u>			

Total Sum Allotted

\$59,302,529

\$818,537

\$60,121,066

(End of clause)”

<u>Standard Form 30 Continued</u>			
<u>DCN</u>	<u>Program Code</u>	<u>Appropriation</u>	<u>Amount</u>
1-9-EL-C3562(S1)(1F)	478-83-01-M145-EL-9-00M-335-2550	809/00111	\$ 97,749.16
1-9-EL-C2797(S1)(1F)	477-72-V2-M145-EL-9-00M-300-2550	809/00111	-0-
1-9-EL-C2797(S2)(1F)	477-72-V2-M145-EL-9-00M-300-2550 477-72-W2-M145-EL-9-00M-300-2550	809/00111	22,515 7,362
1-9-ED-C2313(S1)(1F)	477-72-88-M145-ED-9-00M-335-2550	809/00111	-0-
1-9-ED-C2313(S2)(1F)	477-72-88-M145-ED-9-00M-335-2550	809/00111	-0-
1-9-ED-C2313(S3)(1F)	477-72-88-M145-ED-9-00M-335-2550	809/00111	158,071
1-9-ED-C4967(1F)	323-29-03-M145-EH-9-00Q-230-2550 323-78-02-M145-EH-9-00Q-230-2550	809/00112	4,000 7,000
1-9-ED-C5034(1F)	250-30-15-M145-EH-9-00M-230-2550	809/00111	25,000
1-9-EA-C4051(S1)(1F)	477-73-16-M145-EM-9-72M-499-2550	809/00111	<18,425>
1-9-ED-C5098(1F)	250-41-14-M145-EA-9-00M-000-2550	809/00111	56,000
1-9-EO-C4901(1F)	355-30-10-M145-RA-9-00M-200-2550	809/00111	20,000
1-9-SD-C4836(1F)	101-58-02-M145-ES-9-00S-000-2550 101-58-01-M145-ES-9-00S-000-2550 493-35-03-M145-ES-9-00M-000-2550	809/00110 809/00111	35,520 8,236 1,288
1-9-ES-C3732(S1)(1F)	953-36-00-M145-ES-9-00M-004-2550	809/00111	25,000
1-9-ED-C4895(1F)	355-30-10-M145-RA-9-00M-300-2550	809/00111	39,000
1-9-ED-C3474(S1)(1F)	355-30-10-M145-RA-9-00M-000-2550	809/00111	115,000
1-9-EL-C4696(1F)	575-15-40-M145-EL-9-00M-300-2550	809/00111	45,200
1-9-SD-C4675(1F)	622-29-03-M145-HR-9-00S-000-2550 622-43-35-M145-HR-9-00S-000-2550	809/00110	255,227 45,373
1-9-EO-C2457(S1)(1F)	398-10-30-M145-EO-9-00M-011-2550	809/00111	125,000
1-9-ED-C2329(S1)(1F)	242-35-30-M145-ED-9-00S-000-2550	809/00110	60,000
1-9-EA-C1879(S4)(1F)	953-36-00-S651-EA-9-00M-000-2550	809/00111	<459,679>
1-9-TD-C4607(1F)	242-35-13-M145-RA-9-00S-00M-2550	809/00110	16,000
1-9-EB-C3926(1F)	355-30-10-M145-RA-9-00M-300-2550	809/00111	25,000
1-8-15-B9043(S1)(1F)	398-30-11-M145-MG-9-00M-A00-2550	809/00111	70,000
1-9-SD-C4509(1F)	274-62-00-M145-ES-8-00M-Y17-2550 274-62-00-M145-ES-8-00S-Y17-2550 274-62-00-M145-ES-9-00S-Y17-2550 287-23-02-M145-ES-9-51S-300-2550	808/90111 808/90110 809/00110	9,949 12,762 7,289 <u>3,100</u>

Total \$818,537.16

BX

OMB Approval #: 2700-0042

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE 12	PAGE OF PAGES 1 1
2. AMENDMENT/MODIFICATION NO. 67		3. EFFECTIVE DATE September 14, 1999	4. REQUISITION/PURCHASE REQ. NO. 408360067(1F)
6. ISSUED BY PS22 Procurement Office George C. Marshall Space Flight Center National Aeronautics and Space Administration Marshall Space Flight Center, AL 35812		7. ADMINISTERED BY (If other than Item 6) MSFC Adm: PS22-N/Sandra Presnell 256-544-0318 AUTOMATED INVOICE PAYMENT INFORMATION: (256) 544-5566	5. PROJECT NO. (If applicable)
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code) Sverdrup Technology, Inc. MSFC Group 620 Discovery Drive Huntsville, AL 35806		(✓)	9A. AMENDMENT OF SOLICITATION NO.
			9B. DATED (SEE ITEM 11)
		X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS8-40836
			10B. DATED (SEE ITEM 13) 02/26/96
CODE 14671	FACILITY CODE		
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS			

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended, is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

- (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. In virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

NC

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

(✓)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT OR ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	J. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor is not, is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

	Negotiated Est. Cost	Prov. Est. Cost	Total Est. Cost	Earned Award Fee	Potential Award Fee	Total Contract Value	Total Sum Allotted
Previous	\$61,829,500	\$ 0	\$61,829,500	\$2,623,509	\$794,780	\$65,247,789	\$59,302,529
This Mod	2,816,449	0	2,816,449	0	83,259	2,899,708	818,537.16
New Total	\$64,645,949	\$ 0	\$64,645,949	\$2,623,509	\$878,039	\$68,147,497	\$60,121,066

The purpose of this modification is to correct an administrative error on Modification No. 66. SF30, dated August 27, 1999, is hereby deleted in its entirety and replaced with this SF30, dated September 14, 1999.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Kim E. Whitson	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY (Signature of Contracting Officer)	16C. DATE SIGNED September 14, 1999

BX

OMB Approval #: 2700-0042

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				1. CONTRACT ID CODE 12		PAGE OF PAGES 1 2	
2. AMENDMENT/MODIFICATION NO. 68		3. EFFECTIVE DATE September 14, 1999		4. REQUISITION/PURCHASE REQ. NO. See Page 1.a		5. PROJECT NO. (If applicable)	
6. ISSUED BY PS22 Procurement Office George C. Marshall Space Flight Center National Aeronautics and Space Administration Marshall Space Flight Center, AL 35812		CODE PS22-N		7. ADMINISTERED BY (If other than Item 6) MSFC Adm: PS22-N/Sandra Presnell 256-544-0318		CODE	
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code) Sverdrup Technology, Inc. MSFC Group 620 Discovery Drive Huntsville, AL 35806				(✓)		9A. AMENDMENT OF SOLICITATION NO.	
						9B. DATED (SEE ITEM 11)	
				X		10A. MODIFICATION OF CONTRACT/ORDER NO. NAS8-40836	
						10B. DATED (SEE ITEM 13) 02/26/96	
CODE 14671		FACILITY CODE					

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended, is not extended, or is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

- (a) By completing Items 8 and 15, and returning ____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. In virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

See Page 1.a

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS,
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

(✓)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT OR IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b) AND CONTRACTOR'S LETTER DATED 9/14/99.
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF
	K. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor is not, is required to sign this document and return ____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

	Negotiated Est. Cost	Prov. Est. Cost	Total Est. Cost	Earned Award Fee	Potential Award Fee	Total Contract Value	Total Sum	Allotted
Previous	\$64,645,949	\$ 0	\$64,645,949	\$2,623,509	\$878,039	\$68,147,497		\$60,121,066
This Mod	0	0	0	0	0	0		913,342
New Total	\$64,645,949	\$ 0	\$64,645,949	\$2,623,509	\$878,039	\$68,147,497		\$61,034,408

See Page 2 for description.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Sandra L. Presnell	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)		BY (Signature of Contracting Officer)	
		September 14, 1999	

NSN 7540-01-152-8070
PREVIOUS EDITION UNUSABLE

30-105

STANDARD FORM 30 (Rev. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

The purpose of this modification is to provide incremental funding pursuant to the "Limitation of Funds" clause and the Contractor's letter dated September 14, 1999. The foregoing action is further implemented by the inclusion of the following changes:

Clause B.6 CONTRACT FUNDING (1852.232-81) (JUN 1990) is hereby deleted in its entirety and the following is substituted in lieu thereof:

"B.6 CONTRACT FUNDING (1852.232-81) (JUN 1990)

(a) For the purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$57,910,506. This allotment is for Science and Engineering Services for MSFC and covers the following estimated period of performance: February 26, 1996, through October 22, 1999.

(b) An additional amount of \$3,123,902 is obligated under this contract for payment of fee.

(c) Recapitulation of funding is as follows:

	<u>Previous</u>	<u>This Action</u>	<u>Total</u>
Estimated Cost	\$56,997,164	\$913,342	\$57,910,506
Provisional Award Fee	500,393	0	500,393
Award Fee Earned	<u>2,623,509</u>	<u>0</u>	
<u>2,623,509</u>			
Total Sum Allotted	\$60,121,066	\$913,342	\$61,034,408

(End of clause)"

Standard Form 30 Continued

<u>DCN</u>	<u>Program Code</u>	<u>Appropriation</u>	<u>Amount</u>
1-8-EO-C1483(S1)(1F)	477-72-V8-M145-EO-9-00M-335-2550	809/00111	\$ 99,362
1-9-EL-C5340(1F)	477-72-V1-M145-EL-9-00M-300-2550 477-72-W2-M145-EL-9-00M-300-2550	809/00111	\$ 67,871 41,511
1-9-TD-C5284(1F)	242-33-RC-M145-EP-9-00S-000-2550	809/00110	\$ 20,000
1-9-ED-C5255(1F)	398-30-50-M145-MG-9-00M-354-2550	809/00111	\$ 40,000
1-9-EL-C5261(1F)	250-41-22-M145-EL-9-00M-300-2550 896-10-00-M145-EL-9-00S-300-2550 953-20-10-M145-EL-9-00M-300-2550	809/00111 809/00110 809/00111	\$ 54,884 10,000 25,000
1-9-EL-C3685(S1)(1F)	355-30-10-M145-RA-9-00M-335-2550	809/00111	\$ 26,910
1-9-SD-C5204(1F)	279-62-00-M145-ES-9-00M-Z39-2550 274-62-00-M145-ES-8-00M-Z39-2550	809/00111 808/90111	\$ 2,000 3,000
1-9-ES-C4451(1F)	101-15-01-M145-ES-9-00S-000-2550	809/00110	\$ 70,000
1-9-TD-C5219(1F)	242-33-01-M145-RA-9-00S-000-2550	809/00110	\$100,000
1-9-SD-C5131(1F)	839-30-60-M145-ES-9-51S-300-2550	809/00110	\$ 25,000
1-9-ED-C4774(1F)	242-72-42-M145-ED-9-00S-621-2550	809/00110	\$ 33,000
1-9-EP-C1579(S3)(1F)	242-34-ZN-M145-EP-9-00S-000-2550	809/00110	\$ 4,800
1-9-TD-C5168(1F)	260-40-13-M145-EP-9-00M-000-2550	809/00111	\$206,600
1-9-SD-C5077(1F)	963-30-01-M145-ES-8-00S-000-2550 101-45-01-M145-ES-9-00S-000-2550	808/90110 809/00110	\$ 26,566 41,838
1-9-SD-C5011(1F)	440-08-58-M145-ES-9-51S-300-2550	809/00110	<u>\$ 15,000</u>
		Total	\$913,342

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				1. CONTRACT ID CODE 12		PAGE OF PAGES 1 2	
2. AMENDMENT/MODIFICATION NO. 69			3. EFFECTIVE DATE September 27, 1999		4. REQUISITION/PURCHASE REQ. NO. See Pages 1.a & b		5. PROJECT NO. (If applicable)
6. ISSUED BY PS22 Procurement Office George C. Marshall Space Flight Center National Aeronautics and Space Administration Marshall Space Flight Center, AL 35812			CODE PS22-N		7. ADMINISTERED BY (If other than Item 6) MSFC Adm: PS22-N/Sandra Presnell 256-544-0318		CODE
AUTOMATED INVOICE PAYMENT INFORMATION: (256) 544-5566							
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code) Sverdrup Technology, Inc. MSFC Group 620 Discovery Drive Huntsville, AL 35806				(✓)		9A. AMENDMENT OF SOLICITATION NO.	
				X		9B. DATED (SEE ITEM 11)	
						10A. MODIFICATION OF CONTRACT/ORDER NO. NAS8-40836	
						10B. DATED (SEE ITEM 13) 02/26/96	
CODE 14671		FACILITY CODE					
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS							

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended, is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

- (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. In virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

See Pages 1.a & b

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

(✓)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT OR ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b) AND CONTRACTOR'S LETTER DATED 9/27/99.
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF
	L. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor is not, is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

	Negotiated	Prov.	Total	Earned	Potential	Total	Total Sum
	Est. Cost	Est. Cost	Est. Cost	Award Fee	Award Fee	Contract Value	Allotted
Previous	\$64,645,949	\$ 0	\$64,645,949	\$2,623,509	\$878,039	\$68,147,497	\$61,034,408
This Mod	0	0	0	0	0	0	3,409,457
New Total	\$64,645,949	\$ 0	\$64,645,949	\$2,623,509	\$878,039	\$68,147,497	\$64,443,865

See Page 2 for description.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Sandra L. Presnell	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)		BY (Signature of Contracting Officer)	
NSN 7540-01-152-8070 PREVIOUS EDITION UNUSABLE		September 27, 1999	

The purpose of this modification is to provide incremental funding pursuant to the "Limitation of Funds" clause and the Contractor's letter dated September 27, 1999. The foregoing action is further implemented by the inclusion of the following changes:

Clause B.6 CONTRACT FUNDING (1852.232-81) (JUN 1990) is hereby deleted in its entirety and the following is substituted in lieu thereof:

"B.6 CONTRACT FUNDING (1852.232-81) (JUN 1990)

(a) For the purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$61,319,963. This allotment is for Science and Engineering Services for MSFC and covers the following estimated period of performance: February 26, 1996, through December 9, 1999.

(b) An additional amount of \$3,123,902 is obligated under this contract for payment of fee.

(c) Recapitulation of funding is as follows:

	<u>Previous</u>	<u>This Action</u>	<u>Total</u>
Estimated Cost	\$57,910,506	\$3,409,457	\$61,319,963
Provisional Award Fee	500,393	0	500,393
Award Fee Earned	<u>2,623,509</u>	<u>0</u>	
<u>2,623,509</u>			
Total Sum Allotted	\$61,034,408	\$3,409,457	\$64,443,865

(End of clause)"

<u>DCN</u>		<u>Program Code</u>	<u>Appropriation</u>	<u>Amount</u>
1-9-ED-C5535 (1F)		992-00-00-S651-EA-9-00M-000-2550	809/00111	\$ 175,946.00
		953-36-00-M145-EA-9-00M-000-2550		\$ 112,529.00
1-9-ES-C3732 (S3)(1F)		101-28-02-M145-ES-9-00S-000-2550	809/00110	\$ 950.00
		101-15-06-M145-ES-9-00S-000-2550		\$ 2,169.00
		101-28-04-M145-ES-9-00S-000-2550		\$ 11,753.00
		493-35-05-M145-ES-9-00M-000-2550	809/00111	\$ 317.00
1-9-ED-C5460 (1F)		575-15-20-M145-EP-9-00M-300-2550	809/00111	\$ 120,000.00
1-9-ED-C5467 (1F)		477-72-V3-M145-EB-9-00M-300-2550	809/00111	\$ 412,207.00
		477-72-V6-M145-EB-9-00M-300-2550		\$ 39,271.00
		477-72-W3-M145-EB-9-00M-300-2550		\$ 234,996.00
		477-72-W7-M145-EB-9-00M-300-2550		\$ 76,281.00
		477-72-X3-M145-EB-9-00M-300-2550		\$ 102,849.00
1-9-EB-C5468 (1F)		478-83-01-M145-EB-9-00M-000-2550	809/00111	\$ 41,317.00
1-9-ED-C5478 (1F)		953-36-00-M145-EM-8-00M-000-2550	808/90111	\$ 3,597.00
1-9-ED-C5465 (1F)		992-00-00-S651-EA-9-00M-000-2550	809/00111	\$ 30,000.00
1-9-ED-C5455 (1F)		478-83-01-M145-ED-9-00M-661-2550	809/00111	\$ 19,523.00
1-9-ED-C5439 (1F)		477-72-V1-M145-JA-8-00M-000-2550	808/90111	\$ 3,838.00
1-9-ED-C2524 (S2)(1F)		477-72-V3-M145-ED-9-00M-621-2550	809/00111	\$ 109,991.00
1-9-ED-C2525 (S1)(1F)		477-72-W6-M145-ED-9-00M-651-2550	809/00111	\$ 242,020.00
1-9-ED-C2523 (S1)(1F)		477-72-W3-M145-ED-9-00M-621-2550	809/00111	\$ 30,141.00
1-9-ED-C2530 (S1)(1F)		477-72-W6-M145-ED-9-00M-661-2550	809/00111	\$ 49,470.00
1-9-ED-C2526 (S1)(1F)		477-72-V3-M145-ED-9-00M-651-2550	809/00111	\$ 108,303.00
1-9-ED-C5441 (1F)		477-72-V3-M145-EP-9-00M-314-2550	809/00111	\$ 265,510.00
1-9-ED-C5440 (1F)		478-83-01-M145-EP-9-00M-308-2550	809/00111	\$ 83,598.00
1-9-ED-C5437 (1F)		477-72-W9-M145-EP-9-00M-317-2550	809/00111	\$ 53,514.00
1-9-ED-C5438 (1F)		477-72-X6-M145-EP-9-00M-319-2550	809/00111	\$ 50,580.00
1-9-ED-C4769 (1F)		242-34-ZT-M145-ED-9-00S-300-2550	809/00110	\$ 15,000.00
1-9-ED-C5430 (1F)		477-72-W7-M145-EP-9-00M-381-2550	809/00111	\$ 507,506.00
1-9-ED-C5443 (1F)		478-83-01-M145-ED-9-00M-020-2550	809/00111	\$ 66,869.00
1-9-ED-C2527 (S1)(1F)		477-72-V3-M145-ED-9-00M-661-2550	809/00111	\$ 20,797.00

Standard Form 30 Continued

<u>DCN</u>		<u>Program Code</u>	<u>Appropriation</u>	<u>Amount</u>
1-9-ED-C5381	(1F)	250-41-01-M145-ED-9-00M-335-2550	809/00111	\$ 50,000.00
1-9-SD-C4790	(1F)	632-20-27-M145-EB-9-00S-000-2550	809/00110	\$ 82,500.00
1-9-TD-C5289	(1F)	242-72-42-M145-RA-9-00S-000-2550	809/00110	\$ 149,348.00
		242-34-ZI-M145-EP-9-00S-000-2550		\$ 100,652.00
1-9-ES-C3732	(S2)(1F)	101-15-01-M947-ES-9-00S-000-2550	809/00110	\$ 15,000.00
		101-58-01-M947-ES-9-00S-000-2550		\$ 21,115.00
Total				\$ 3,409,457.00

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE 12	PAGE OF PAGES 1 3
2. AMENDMENT/MODIFICATION NO. 70		3. EFFECTIVE DATE October 21, 1999	4. REQUISITION/PURCHASE REQ. NO. 408360070(1F)
6. ISSUED BY PS22 Procurement Office George C. Marshall Space Flight Center National Aeronautics and Space Administration Marshall Space Flight Center, AL 35812		7. ADMINISTERED BY (If other than Item 6) MSFC Adm: PS22-N/Sandra Presnell 256-544-0318	5. PROJECT NO. (If applicable) CODE
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code) Sverdrup Technology, Inc. MSFC Group 620 Discovery Drive Huntsville, AL 35806		(✓)	9A. AMENDMENT OF SOLICITATION NO.
CODE 14671 FACILITY CODE		X	9B. DATED (SEE ITEM 11)
			10A. MODIFICATION OF CONTRACT/ORDER NO. NAS8-40836
			10B. DATED (SEE ITEM 13) 02/26/96
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS			

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended, is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

- (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. In virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

NC

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

(✓)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT OR ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF
	M. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor is not, is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

	Negotiated Est. Cost	Prov. Est. Cost	Total Est. Cost	Earned Award Fee	Potential Award Fee	Total Contract Value	Total Sum Allotted
Previous	\$64,645,949	\$ 0	\$64,645,949	\$2,623,509	\$878,039	\$68,147,497	\$64,443,865
This Mod	0	1,843,517	1,843,517	0	0	1,843,517	0
New Total	\$64,645,949	\$1,843,517	\$66,489,466	\$2,623,509	\$878,039	\$69,991,014	\$64,443,865

See Page 2 for description.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) David A. Iosco	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)		BY (Signature of Contracting Officer)	October 21, 1999

The purpose of this modification is to provisionally increase the contract in order to provide for continuity of services while awaiting completion of procurement to increase the current level-of-effort. The contract is hereby changed in the following particulars:

1. WHEREAS, the Contractor has been directed to perform work within the scope of the contract, but above the negotiated value of the contract due to increased requirements,

WHEREAS, Contractor's proposal resulting from the above has not been definitized,

WHEREAS, the Government desires to increase the estimated cost only, pending final negotiation of the Contractor's proposal,

NOW THEREFORE, the contract is hereby modified to increase the estimated cost.

Clause B.2 Estimated Cost and Award Fee (1852.216-85) (Sep 1993), paragraphs (a) and (b) are hereby deleted in their entirety and replaced as follows:

"B.2 ESTIMATED COST AND AWARD FEE (1852.216-85) (SEP 1993)

(a) The estimated cost of this contract is \$66,489,466. The maximum available award fee, excluding base fee, if any, is \$4,180,768. The base fee is \$-0-. Total estimated cost, base fee, and maximum award fee are \$70,670,234.

(b) Breakout of contract cost and fees is as follows:

Total <u>Period Covered</u> <u>Contract Value</u>	Estimated <u>Cost</u>	Provisional <u>Est. Cost</u>	Base <u>Fee</u>	Maximum <u>Award Fee</u>
02/26/96 - 02/25/97 \$11,484,242	\$10,747,495	\$ -0-	\$-0-	\$736,747
02/26/97 - 02/25/98 \$13,146,513	\$12,353,873	\$-0-	\$-0-	\$792,640
02/26/98 - 02/25/99 \$28,914,508	\$27,141,166	\$-0-	\$-0-	\$1,773,342
02/26/99 - 02/25/00 \$17,124,971	\$14,403,415	\$1,843,517	\$-0-	\$878,039

Breakout of earned award fee is as follows:

<u>Period Covered</u>	<u>Earned Award Fee</u>
2/26/96 - 8/31/96	\$295,362
9/01/96 - 2/25/97	\$350,207
2/26/97 - 2/25/98	\$771,239
2/25/98 - 2/25/99	\$1,206,701"

2. Clause B.3 Level-of-Effort (Cost) 18-52.216-82 (Dec 1991), paragraph (a) is hereby deleted in its entirety and replaced as follows:

"B.3 Level-of-Effort (Cost)

(a) During the term of the contract, the Contractor is obligated to provide not less than 296,149 or more than 550,540 total direct labor hours. If the Government elects to exercise any of the options identified in Clause B.2 Estimated Cost and Award Fee, the Contractor is obligated to provide the direct labor hours specified below for the applicable option.

<u>Option No.</u>	<u>Minimum Number of Hours</u>	<u>Maximum Number of Hours</u>
1	294,882	310,402
2	296,149	550,540
3	296,149	353,720*
4	297,418	313,072
C1	72,403	76,214
C2a	37,500	39,477
C2b	34,593	36,411
C3	72,403	76,214
C4	72,403	76,214
C5	72,713	76,541''

*Includes 41,984 hours for the provisional increase being made on this Modification (No. 70).

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE 12	PAGE OF PAGES 1 2	
2. AMENDMENT/MODIFICATION NO. 71		3. EFFECTIVE DATE October 28, 1999	4. REQUISITION/PURCHASE REQ. NO. See Page 1.a	
6. ISSUED BY PS22 Procurement Office George C. Marshall Space Flight Center National Aeronautics and Space Administration Marshall Space Flight Center, AL 35812		7. ADMINISTERED BY (If other than Item 6) MSFC Adm: PS22-N/Sandra Presnell 256-544-0318	5. PROJECT NO. (If applicable) AUTOMATED INVOICE PAYMENT INFORMATION: (256) 544-5566	
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code) Sverdrup Technology, Inc. MSFC Group 620 Discovery Drive Huntsville, AL 35806		(✓)	9A. AMENDMENT OF SOLICITATION NO.	
			9B. DATED (SEE ITEM 11)	
		X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS8-40836	
			10B. DATED (SEE ITEM 13) 02/26/96	
CODE 14671	FACILITY CODE			
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS				

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended, is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

- (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. In virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

See Page 1.a

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

(✓)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT OR ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b) AND CONTRACTOR'S LETTER DATED 10/27/99.
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF
	N. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor is not, is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

	Negotiated Est. Cost	Prov. Est. Cost	Total Est. Cost	Earned Award Fee	Potential Award Fee	Total Contract Value	Total Sum Allotted
Previous	\$64,645,949	\$1,843,517	\$66,489,466	\$2,623,509	\$878,039	\$69,991,014	\$64,443,865
This Mod	0	0	0	0	0	0	682,000
New Total	\$64,645,949	\$1,843,517	\$66,489,466	\$2,623,509	\$878,039	\$69,991,014	\$65,125,865

See Page 2 for description.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Sandra L. Presnell	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)		BY (Signature of Contracting Officer)	October 28, 1999

The purpose of this modification is to provide incremental funding pursuant to the "Limitation of Funds" clause and the Contractor's letter dated October 27, 1999. The foregoing action is further implemented by the inclusion of the following changes:

Clause B.6 CONTRACT FUNDING (1852.232-81) (JUN 1990) is hereby deleted in its entirety and the following is substituted in lieu thereof:

"B.6 CONTRACT FUNDING (1852.232-81) (JUN 1990)

(a) For the purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$61,943,427. This allotment is for Science and Engineering Services for MSFC and covers the following estimated period of performance: February 26, 1996, through January 3, 2000.

(b) An additional amount of \$3,182,438 is obligated under this contract for payment of fee.

(c) Recapitulation of funding is as follows:

	<u>Previous</u>	<u>This Action</u>	<u>Total</u>
Estimated Cost	\$61,319,963	\$623,464	\$61,943,427
Provisional Award Fee	500,393	58,536	558,929
Award Fee Earned	<u>2,623,509</u>	<u>0</u>	
<u>2,623,509</u>			
Total Sum Allotted	\$64,443,865	\$682,000	\$65,125,865

(End of clause)"

Standard Form 30 Continued

<u>DCN</u>		<u>Program Code</u>	<u>Appropriation</u>	<u>Amount</u>
1-0-ED-C5751	(1F)	953-36-00-S651-EO-0-003-000-2550	809/10111	\$ 500,000
1-0-T5-C5766	(1F)	242-34-Z7-M145-T5-0-00S-000-2550	800/10110	10,000
1-0-S4-C5806	(1F)	398-96-02-M900-S4-0-002-000-2550	800/10111	30,000
1-0-E2-C5454	(1F)	477-72-88-M145-E1-0-002-335-2550	800/10111	130,000
1-0-E1-C5797	(1F)	258-20-00-M145-HR-9-00S-335-2550	809/00110	<u>12,000</u>
Total				\$682,000